Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 26 Dec 2022 until 23:59 on Tuesday 27 Dec 2022

Forecast Issued on Monday 26 Dec 2022 at 03:45

Confidence: High for unsettled conditions, and cold and showery on Monday, then often wet and windy weather, but lower confidence in the timing of worst of conditions.

Headline for Monday 26 Dec 2022: Bright at first but rather cold, mainly dry in morning with some sunshine but cloudier by the afternoon with showers, these wintry on the tops.

Mountain weather hazards on Monday 26 Dec 2022

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light snow showers	Light snow	Light snow	Heavy snow	Light snow
Precipitation probability					
10%	30%	40%	70%	70%	30%

Forecast for Monday 26 Dec 2022

Weather: Mainly dry with some sunshine in the morning, but cloud will build from the west to bring increasingly frequent showers by the afternoon. Some heavy showers and falling as snow down to around 400m, with blizzards likely on higher tops. Only a few showers in the evening with clear periods.

Chance of cloud-free hill tops above 600m: 70% during the morning, but closer to 40% in afternoon.

Low cloud and visibility: Generally good or very good visibility, but occasionally poor in showers and very poor, sometimes close to nil in snow and at times in cloud, generally scattered in morning, base 600-900m but broken perhaps widespread in afternoon with bases lowering to 400-500m at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 26 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 W	24/31 W	24/31 W	26/34 W	24/32 W	19/25 W	16/21 SW
300	13/20 W	17/24 W	16/23 SW	19/28 W	19/28 W	13/21 W	11/18 SW
Valley	6/20 W	9/22 W	12/25 W	14/29 W	13/27 W	9/19 W	6/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-1/-8	-0/-8	0/-8	-0/-8	-1/-7	-1/-7
300	2/-3	1/-4	2/-3	3/-3	2/-4	2/-3	1/-3
Valley	2/-1	2/-2	3/-1	3/-2	2/-2	2/-2	2/-1
Freezing Level*	400m	400m	500m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Risk of disorientation at height in snow showers and blizzard conditions and a significant chill. Winds stronger in or near showers, with blustery conditions over more exposed peaks and ridges with some buffeting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 26 Dec 2022	4.6mm	8mm	20.6mm

Forecast for Tuesday 27 Dec 2022

Weather: A few showers overnight but cloudier by the end of the night. Cloud thickening in morning and becoming windy with outbreaks of rain spreading from west and falling as snow on summits at first. Rain becoming heavy and prolonged, especially over western slopes, but turning patchier from dusk and clearing in the evening.

Maximum wind: Southwest 25mph increasing 30-35 gusts 45mph in morning. Turning Westerly late afternoon then easing 25mph in evening.

Chance of cloud-free hill tops above 600m: 90% at first and again in late evening, but around 20% in daylight hours.

Low cloud and visibility: Mainly good visibility at first but becoming moderate or poor in rain and very poor in summit snow and cloud with broken cloud base 700m becoming persistent in morning and lowering to 500m, occasionally lower.

Temperature: **Valleys:** Plus 1 or 2 C in early hours, rising to plus 8-10 C in morning
At 600m: Minus 1 C rising to plus 5 C by morning
Freezing level: Above the tops by morning

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